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EXAMINER

DOAN, KIET M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 07/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/692,629

Applicant(s)

HALSELL, VICTORIA MARIE

Examiner

Kiet Doan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☒ Claim(s) 9, 17 and 22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is response to Remarks file on 04/24/2006.

Claims 1, 12, 19-20 are amended.

Claims 21-22 are added

Claims 9 and 17 are objected and maintain in this instant office action.

Claim 22 is objected being dependent on claim 9.

Response to Arguments

Applicant's arguments filed 04/24/2006 and amended claims 1, 12, 19 and 20 are have been fully considered but they are not persuasive.

In response to applicant argument that reference do not teach or suggest "one or more control components route the one or more toll-free calls to the one or more mobile phone".

Examiner respectfully disagrees, in Spradlin reference teaches "one or more control components route the one or more toll-free calls to the one or more mobile phone"(C8, L64-67, C9, L1-8, Fig.1, Illustrate routing system No.30 wherein routed call to WTU from home service location to make it more clear C9, L20-23, C10-53-56 teach provide service from home service to WTU through routing system which means as control components route the toll-free calls to mobile phone).

Therefore, examiner interpreted "one or more control components route the one or more toll-free calls to the one or more mobile phone" as broadest reasonable interpretation and it is proper.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

1. **Claim 1** is rejected under 35 U.S.C. 102(e) as being anticipated by Spadlin (Patent No. 5,946,623).

Consider **claim 1**. Spadlin teaches an apparatus, comprising:

one or more control components that connect with one or more mobile phones
one or more toll-free calls placed by one or more users of one or more communication
devices to one or more toll-free numbers associated with the one or more mobile
phones;

wherein the one or more control components route the one or more toll-free calls
to the one or more mobile phone (C9, L1-8, Fig.1, teach No.24 as control component
that connecting toll free call to/from mobile phones No.10 and further cited C9, L20-23,
C10-53-56 teach provide service from home service to WTU through routing system
which means as control components route the toll-free calls to mobile phone).

2. **Claims 12, 20** are rejected under 35 U.S.C. 102(e) as being anticipated by Connolly (Patent No. 6,023,504).

Consider **claims 12, 20**, Connolly teaches a method, comprising the steps of:
bypassing one or more service control point components with one or more toll-free calls

from one or more communication devices to one or more toll-free numbers (C3, L25-40, C4, L46-59, teach toll free call are connected without SCP); and connecting the one or more toll-free calls to one or more mobile phones associated with the one or more toll-free numbers (C1, L13-40, C4, L50-67, C5, L1-3).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 2-3** are rejected under 35 U.S.C. 103(a) as being unpatentable over Spadlin (Patent No. 5,946,623) in view of Bolduc et al. (Patent No. 6,681,008).

Consider **claim 2**, Spadlin teaches the apparatus of claim 1, wherein the one or more control components comprise a first control component and a second control component, wherein the one or more toll-free calls placed by the one or more users of the one or more communication devices to the one or more toll-free numbers associated with the one or more mobile phones comprise a toll-free call placed by a user of a communication device to a toll-free number associated with a mobile phone; wherein the first control component compares the toll-free number to one or more telephone numbers stored in a database component (C9, L1-8, C11, C25-40). Spadlin teaches the limitation of claim as discuss **but fail to teach** wherein if the toll-free number matches one or more of the one or more telephone numbers located in the database, then the first control component passes the toll-free call through the second

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control component to bypass a service control point component responsible for translating one or more other toll-free numbers of one or more other toll-free calls that are unassociated with the one or more mobile phones into one or more standard telephone numbers.

In an analogous art, Bolduc teaches "Automated toll free telecommunications information service and apparatus". Further, **Bolduc teaches** wherein if the toll-free number matches one or more of the one or more telephone numbers located in the database, then the first control component passes the toll-free call through the second control component to bypass a service control point component responsible for translating one or more other toll-free numbers of one or more other toll-free calls that are unassociated with the one or more mobile phones into one or more standard telephone numbers (Abstract, C4, L62-67, C5, L1-50 teach the data controller which means as control component which matching more telephone numbers located in the database).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Spradlin and Bolduc system, such that toll free number associated/matches with mobile phone wherein telephone number stored in a database to provide means for verify/ identify caller with matching information for making toll free calls.

Consider **claim 3**, Spradlin teaches the apparatus of claim 2, wherein the communication device comprises a telephonic device; wherein the first control

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component comprises a mobile switching center or a call state control function of a public switched telephone network (C6, L25-67, Fig.1 Illustrate No.24 as switching telephone network); wherein upon placement of the toll-free call by the user of the telephonic device to the toll-free number, the mobile switching center or the call state control function of the switched telephone network passes the toll-free call through the second control component to bypass the service control point component (C9, L1-8).

4. Claims 4-8, 10-11, 14-16, 18-19 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Spradlin (Patent No. 5,946,623) in view of Bolduc et al. (Patent No. 6,681,008) and further view of Connolly (Patent No. 6,023,504).

Consider **claim 4**. Spradlin teach the apparatus of claim 2, wherein the mobile phone comprises a first mobile phone, wherein the communication device comprises a second mobile phone; wherein the first control component comprises a mobile switching center or a call state control function of a public land mobile network (C1, L63-67, C2, L1-24, C3, 64-67, C4, L1-13 teach home wireless as first mobile phone and subscriber wireless as second mobile phone wherein contain switching system). Spradlin teach the limitation of claim as **discuss but fail to teach** wherein upon placement of the toll-free call by the user of the second mobile phone to the toll-free number of the first mobile phone, the mobile switching center or the call state control function of the first land mobile network passes the toll-free call through the second control component to bypass the service control point component.

In an analogous art, Connolly teaches "Telephone service". Further, Connolly teaches wherein upon placement of the toll-free call by the user of the second mobile phone to the toll-free number of the first mobile phone, the mobile switching center or the call state control function of the first land mobile network passes the toll-free call through the second control component to bypass the service control point component (Abstract, C3, L26-40, C4, L12-59).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Spradlin, Bolduc and Connolly, such that mobile phone comprises a first/second mobile phone, mobile switching center passes the toll-free call through the second control component to bypass the service control point component to provide means for identify originate of toll call for settlement and billing.

Consider **claim 5**. Spradlin teach the apparatus of claim 1, wherein the one or more control components comprise a first control component and a second control component, wherein the one or more toll-free calls placed by the one or more users of the one or more communication devices to the one or more toll-free numbers associated with the one or more mobile phones comprise a toll-free call placed by a user of a communication device to a toll-free number associated with a mobile phone (C3, 64-67, C4, L1-13).

Connolly teaches wherein the first control component passes the toll-free call placed by the user of the communication device to the second control component,

wherein the second control component routes the toll-free call to the mobile phone associated with the toll-free number (Abstract, C1, L27-44, Fig.1, Illustrate No.10 as first control component and No.13 as second control component).

Consider **claims 6, 8, 14, 16 and 21**. Connolly teaches the apparatus of claim 5, wherein the second control component searches a home location register component for an entry associated with the toll-free number to make a determination of a location of the mobile phone; wherein the second control component connects the toll-free call to the mobile phone at the location (C3, L26-40, Fig.1 Illustrate system PSTN/switch in each ONO and TNO which inherently contain home location register).

Consider **claims 7, 15**. Spradlin teaches the apparatus of claim 5, wherein the mobile phone is associated with the toll-free number and a standard telephone number; wherein the second control component employs the toll-free number to make a determination of the standard telephone number associated with the mobile phone, wherein the second control component employs the standard telephone number to make a determination of a location of the mobile phone (C8, L63-67, C9, L1-7, C11, L25-43).

Consider **claims 10, 18**. Spradlin teaches the apparatus of claim 1, wherein the one or more toll-free calls placed by the one or more users of the one or more communication devices to the one or more toll-free numbers associated with the one or

more mobile phones comprise a toll-free call placed by a user of a communication device to a toll-free number associated with a mobile phone, wherein the mobile phone is associated with the toll-free number and a standard telephone number (C9, L1-8, C11, C25-40);

Connolly teaches wherein the control component sends an indicator of the toll-free call placed by the user of the communication devices to the toll-free number to the mobile phone; wherein a user of the mobile phone employs the indicator to distinguish the toll-free call from a standard telephone call (C3, L1-19).

Consider **claims 11, 19**. Connolly teaches the apparatus of claim 1, wherein the one or more control components compile billing information of the one or more toll-free calls, wherein one or more owners of the one or more mobile phones are responsible for one or more bills based on the billing information; wherein the one or more users of the one or more communication devices are free from responsibility for the one or more bills (Abstract, C1, L12-27, C4, L1-12).

5. Claims 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Connolly (Patent No. 6,023,504) in view of Bolduc et al. (Patent No. 6,681,008)

Consider **claim 13**, Connolly teaches The method of claim 12, wherein the one or more toll-free calls from the one or more communication devices to the one or more toll-free numbers comprise a toll-free call from a communication device to a toll-free number, wherein the one or more mobile phones comprise a mobile phone, wherein the

one or more service control point components comprise a service control point component, wherein the step of bypassing the service control point with the toll-free call from the communication device to the toll-free number comprises the steps of (C1, L13-40, C4, L50-67, C5, L1-3).

Bolduc teaches receiving the toll-free call to the toll-free number from the communication device; matching the toll-free number with a telephone number of one or more telephone numbers stored in a database component; and passing the toll-free call to the mobile phone (Abstract, C4, L62-67, C5, L1-50).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

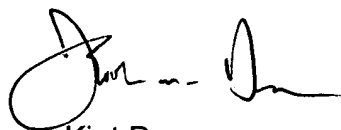
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 571-272-7863. The examiner can normally be reached on 8am - 5pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Kiet Doan
Patent Examiner



GEORGE ENG
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